

**WEST**

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File: DWPI

Jan 24, 1992

DERWENT-ACC-NO: 1992-076694

DERWENT-WEEK: 199210

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TITLE: Protective material for concrete - contg. unsatd. polyester obt'd. from hydrogenated bisphenol-A propylene:oxide deriv. and di:basic acid, unsatd. monomer and glass flakes

PATENT-ASSIGNEE:

ASSIGNEE

CODE

HITACHI CHEM CO LTD

HITB

PRIORITY-DATA: 1990JP-0124538 (May 15, 1990)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

JP 04021579 A

January 24, 1992

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APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

JP04021579A

May 15, 1990

1990JP-0124538

INT-CL (IPC): C04B 41/63

ABSTRACTED-PUB-NO: JP04021579A

BASIC-ABSTRACT:

The protective material contains 60-80 wt. parts a compsn. contg. an unsatd. polyester, and a ethylenic unsatd. monomer and 20-40 pts.wt. parts glass flakes, with 100 wt. pts. the total amt. and is capable of hardening. The unsatd. polyester is obt'd. by interacting an unsatd. dibasic acid and/or its acid anhydride with a hydrogenated bisphenol A propyleneoxide deriv. of formula (I) where m and n are integers with  $m+n = 2.2-4.0$ . Concrete is surface treated by applying the protective material on the surface of a concrete and hardening the material. The concrete is surface treated with the material.

USE - Used to preventing deterioration of concrete structures.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: PROTECT MATERIAL CONCRETE CONTAIN UNSATURATED POLYESTER OBTAIN  
HYDROGENATI ON BISPHENOL-A PROPYLENE OXIDE DERIVATIVE DI BASIC ACID UNSATURATED  
MONOMER GLASS FLAKE

DERWENT-CLASS: A23 A82 G02 L02

CPI-CODES: A05-D02B; A12-R01; G02-A05F; L02-D14M; L03-A01C;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 5213U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0037 0038 0226 0231 1335 1414 2020 2198 2218 2220 2300 2440 2493 2729  
3181

3181

Multipunch Codes: 014 02& 04- 075 104 106 143 146 155 157 169 174 231 308 310 341  
359 431 445 473 477 48- 50& 654 721 722 003 022 023 133 141 202 219 221 222 230  
244 249 272 318

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1992-035300